



# First International Summer PhD School

Chieti (CeSI), Italy, 27<sup>th</sup> and 28<sup>th</sup> of  
September 2010



Gabriele d'Annunzio Foundation, CeSI, Chieti

## Sala Convegni

### Monday, 27<sup>th</sup> of September

8.50 : Departure of bus transfer from Hotel Maja to institute, University Foundation Gabriele d'Annunzio, CeSI, Chieti

9:30-9.45: **Opening words-** Paola Patrignani (University of Chieti) and Dieter Steinhilber (University of Frankfurt)

Chairs: Ramona Steri (University of Frankfurt) and Melania Dovizio (University of Chieti)

9.45-10.15: Carlo Patrono, Catholic University School of Medicine, Rome  
**Clinical read-outs of COX-Isozyme Selectivity**

10.15-10.45: Paola Patrignani (University of Chieti) and Annalisa Trenti (University of Padova)  
**Cyclooxygenases and heme-oxygenase-1 in endothelial biology**

10.45-11.05: Emanuela Marcantoni (University of Chieti)  
**Potentiation of steady laminar shear stress dependent induction of endothelial heme oxygenase-1 by estrogen**

11.05-11.25: Melania Dovizio (University of Chieti)  
**Regulation of COX-2 expression in platelet-colon cancer cell interactions**

11.25-11.45: Annalisa Bruno (University of Chieti)  
**Role of prostanoids in inflammatory bowel diseases (IBDs): new insights from microsomal prostaglandin E synthase-1 knockout mice**

11.45-12.00: Coffè break

12.00-12.30: Ingrid Fleming (University of Frankfurt)

**The cytochrome P450/soluble epoxide hydrolase axis and blood pressure**

12.30-12.50: Jiong Hu (University of Frankfurt)

**Role of soluble epoxide hydrolase in retinal angiogenesis**

12.50-13.10: Timo Froemel (University of Frankfurt)

**11,12-Dihydroxyeicosatrienoic acid generated by the soluble epoxide hydrolase regulates hematopoietic cell function and vascular repair**

13.10-14.30: Lunch Buffet

14.30-15.00: Pietro Minuz (University of Verona)

**Vasoactive eicosanoids in pregnancy and preeclampsia**

15.00-15.20: Mastroianno Sandra (University of Chieti)

Title

15.20-15.40: Ghasemi Reza (University of Chieti)

**NF-Kappa Beta-mediated suppression of glioblastoma cell line, U87MG, by silibinin**

15.40-16.00: Coffe break

16.00-16.30: Dieter Steinhilber (University of Frankfurt)

**5-lipoxygenase: Dimerization and functional studies**

16.30-16:50 : Carmen Roedl (University of Frankfurt)

**Novel 5-Lipoxygenase inhibitor C06: characterisation and binding investigations**

16.50-17.10: Joanna Wisniewska (University of Frankfurt)

**EP6-a new 5-LO inhibitor**

17.10-17.30: Meike Ochs

**Post-transcriptional regulation of 5-lipoxygenase via alternative splicing and NMD**

3

20.00: Dinner- Ristorante Locanda Manthone', Pescara

**Gabriele d'Annunzio Foundation, CeSI, Chieti**

## **Sala Convegni**

### **Tuesday, 28<sup>th</sup> of September (II session)**

**9.00:** Departure of bus transfer from Hotel Maja to institute, University Foundation Gabriele d'Annunzio, CeSI, Chieti

**Chairs:** Meike Ochs and Emanuela Marcantoni

**9:40-10.00:** Ramona Steri (University of Frankfurt)

**Resveratrol as a modulator of FXR signalling for the treatment of NAFLD?**

**10.00-10.20:** Martina Hieke (University of Frankfurt)

**Design, synthesis and biological evaluation of dual gamma-secretase/ PPAR $\gamma$  modulators**

**10.20-10.40:** D'Aurizio Eleonora (University of Chieti)

**Preparation, characterization and in vivo effect evaluation of poly(lactic-co-glycolic acid) microspheres loaded with a new antiparkinson prodrug**

**10.40-11.10:** Mauro Maccarrone (University of Teramo)

**Membrane microenvironment and endocannabinoid signaling**

**11.10-11.30:** caffè break

**11.30-12.00:** Orina Belton (University College Dublin)

**Mechanisms for the resolution of atherosclerosis by Conjugated Linoleic Acid**

**12.00-12.30:** Bernhard Bruene (University of Frankfurt)

**S1P from apoptotic cells polarizes macrophages**

**12.30-14.00:** Lunch Buffet

14.00-14.30: Mario Romano (University of Chieti)

**Platelets in inflammation: The cystic fibrosis model**

14.30-14.50: Mattoscio Domenico (University of Chieti)

**Lipoxins and Cystic Fibrosis**

14.50-15-10: Simiele Felice (University of Chieti)

**Identification of the human FPR2/ALX promoter**

15.10-15.30: Cianci Eleonora (University of Chieti)

**Hypoxic regulation of FPR2/ALX in cardiovascular cells**

15.30-16.00: Coffe break

16.00-16.30: Beatrix Suess (University of Frankfurt)

**MicroRNA and Inflammation**

16.30-17.00: Sabine Groesch (University of Frankfurt)

**Lipids in carcinogenesis**

17.00-17.30: Daniela Hartmann and Jessica Sandner (University of Frankfurt)

**Specific Manipulation of Ceramide Levels in Cancer Cells**

17.30-17.40: Concluding remarks

20.00: Dinner- **Ristorante La Zattera, Pescara**

## Address and information

- **CeSI:** University Foundation G d'Annunzio, via colle dell'ARA, 66100, Chieti
- **Hotel Maja:** Viale Riviera, 201, 65123 Pescara, Tel:085 471 1545
- **Ristorante La Zattera Di Cipollone & C.** Viale Primo Vere, 69, 65129 Pescara; tel: 085 61279
- **Ristorante Locanda Manthone'** , Corso Gabriele Manthonè, 58, 65127 Pescara; tel 085 4549034
- **Mini bus Hotel-University:**  
departure from the hotel at 9.10 a.m.  
departure from University at 17.30 p.m.

**Organized by:** Melania Dovizio (University of Chieti) and Ramona Steri (University of Frankfurt);

**Supported by:** Scuola Superiore G. d'Annunzio (Director Prof Mario Bressan; Dr Anna Barbara) and by FIRST (Frankfurt International Research Graduate School for Translational Biomedicine)

**Organizing secretary:** Dr Carlo Michetti (Department of Neuroscience and Imaging)

**Scuola Superiore:**

Tel +39 0871 3556049/077

e-mail: [scuolasuperiore@unich.it](mailto:scuolasuperiore@unich.it)

Dr Carlo Michetti: [tel:+39 0871 3556929](tel:+3908713556929)

e.mail: [michetti@unich.it](mailto:michetti@unich.it)